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Sheet 1 of 4

Ce	omplete if Known	
Application Number	10/789,053	
Filing Date	02-27-2004	
First Named Inventor	HOLLA et al.	
Group Art Unit	1626	
Examiner Name	LEE, Susannah E.	
Attorney Docket Number	DEAV2003/0014 - US - NP	

				U.S. PATENT DOC	JMENTS	
xaminer nitials	Cite No.1	U.S. Pater	t Document Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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	wo	01/57232		BUSCHMANN, et al.	08-09-2001		
	wo	03/020269		GLOMBIK	03-13-2003		
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		No.1 Office	Cite No.1 Office3 Number4 WO 01/57232	Cite No.1 Foreign Patent Document VO 01/57232 Number4 Kind Code5 (if known)	Cite No.¹ Office³ Number⁴ Kind Code³ (if known) Name of Patentee or Applicant of Cited Document WO 01/57232 BUSCHMANN, et al.	Cite No.¹ Office³ Number⁴ Kind Code⁵ Applicant of Cited Document MM-DD-YYYY WO 01/57232 BUSCHMANN, et al. 08-09-2001	Cite No. 1 Office Number Numbe

Examiner Signature SUSANACH	Chung	Date Considered	9406
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					Application Number	10/789,053		
INFO	DRMATIC	ON	DIS	CLOSURE	Filing Date	02-27-2004		
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	LIOATT	Group Art Unit	1626					
	(use as mai	ny sh	eets as	necessary)	Examiner Name	LEE, Susannah E.		
Sheet	2		of	4	Attorney Docket Number	DEAV2003/0014 - US - NP		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
5C		BAJWA Joginder S. et al., In-situ generation of Et3SiBr from BiBr3 and Et3SiH and its use in preparation of dialkyl ethers, Tetrahedron Letters, (2002), Vol. 43, pp. 6709 - 6713	
		BARTELS Birgit et al., A Selectivity Study Of Activated Ketal Reduction With Borane Dimethyl Sulfide, Journal of Organic Chemistry, (1993), Vol. 58, pp. 6756 - 6765	
		BRINKMAN John A. et al., Trifluoromethyl-Substituted Indenyl Rhodium and Iridium Complexes Are Highly Selective Catalysts for Directed Hydroboration Reactions, Organic Letters, (2000), Vol. 2, No. 7, pp. 981 - 983	
		CARDA M. et al., Enantiotoposelective Ple-Catalyzed Hydrolysis of Cis-5-Substituted-1,3-Diacyloxycyclohexanes. Preparation of Some Useful Chiral Building Blocks, Tetrahedron Asymmetry, (1990), Vol. 1, No. 1, pp. 17 - 20	
		CROTTI Paolo et al., Regiochemical Control of the Ring Opening of 1,2-Epoxides by Means of Chelating Process. Part 14: Regioselectivity of the Opening Reactions with MeOH of Remote O-Substituted 1,2-Epoxycyclohexanes under Gas-Phase Operating Conditions, Tetrahedron, (2000), Vol. 56, pp. 7513 - 7524	
		DAVIES William et al., The Chlorination and Bromination of the Toluic Acids and the Preparation of the Phthaladehydic Acids, Journal of Chemical Soc., (1922), Vol. 121, pp. 2202 - 2215	
		DUMORTIER L. et al., Revision of the enantiotoposelective PLE-catalyzed hydrolysis of cis-5-substituted-1,2-diacyloxycyclohexanes, Tetrahedron: Asymmetry, (1991), Vol. 2, No. 8, pp. 789 - 792	
		GARRETT Christine E. et al., Exploiting n5 to n3 Indenyl Ring Slippage to Access a Directed Reaction: Ether-Directed, Rhodium-Catalyzed Olefin Hydroboration, Journal of Organic Chemistry, (1998), Vol. 63, pp. 1370 - 1371	
		GOTO Yoshinobu et al., Studies on Azole Compounds III Reactions of Oxazole N-Oxides with Phosphoryl Chloride and Acetic Anhydride, Chem. Pharm. Bull, (1971), Vol. 19, No. 10, pp. 2050 - 2057	
\bigvee		GRUBER-KHADJAWI Mandana et al., Chemoenzymatic Methods for the Preparation of Optically Active Cyclic Polyazido Alcohols from Easily Available Achiral Starting Materials, Tetrahedron Asymmetry, (1996), Vol. 7, No. 3, pp. 807 - 814	

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Examiner	(10)	Date	1. 11.	10/2
Signature	SUSANNAN CHUNA	Considered	414	UV

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				Application Number	10/789,053		
INFO	ORMATIO	N D	ISCLOSURE	Filing Date	02-27-2004		
STA	TEMENT	RY	APPLICANT	First Named Inventor	HOLLA et al.		
JIA		יי	ALL LIVAIT	Group Art Unit	1626		
	(use as many	sheet	s as necessary)	Examiner Name	LEE, Susannah E.		
Sheet	3	of	4	Attorney Docket Number	DEAV2003/0014 - US - NP		

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SC		HUBGERHOFF Benno et al., Combining Lipase-Catalyzed Enantiomer-Selective Acylation with Flurous Phase Labeling: A New Method for the Resolution of Racemic Alcohols, J. Org. Chem., (2002), Vol. 67, pp. 1781 - 1785	
		KUNZ Horst et al., Das System 2-Halogenethylester/Cholinester als Zweistufen-Schuutzgruppe fur die Carboxylfunktion von Aminosauren und Peptiden, Chem. Ber., (1979), Vol. 112, pp. 2145 - 2157	
		LAROCK Richard C., Comprehensive Organic Transformations: A Guide To Functional Group Preparations - Acid Halides to Acid Anhydrides	
		LAROCK Richard C., Comprehensive Organic Transformations: A Guide To Functional Group Preparations - Halogenations Of Alcohols	
		LAROCK Richard C., Comprehensive Organic Transformations: A Guide To Functional Group Preparations - Halogenations Of Hydrocarbons	
		MATTSON Anders et al., Kinetic Resolution of Chiral Auxiliaries with C2-Symmetry by Lipase-Catalyzed Alcoholysis and Aminolysis, Acta Chemica Scandinavica, (1996), Vol. 50, pp. 918 - 921	
		PERKIN William Henry et al., An Investigation Of The Action Of Halogens on 2:4-Dimenthylbenzoyl Chloride	
		SCHELHAAS Michael et al., Enzymatische Synthese von Peptiden und Ras-Lipopeptiden unter Verwendung des Cholinesters als loslichkeitsvermittelnder Schutz und Aktivierungsgruppe, Angew. Chem., (1996), pp. 82 - 85	•
		SUEMUNE Hiroshi et al., Enantioselective Synthesis of (1S, 3S, 5R)-1-Acetoxy-5-benzyl-oxycyclohexan-3-ol and Its Application to the Synthesis of Compactin Lactone Moiety and Quinic Acid, Tetrahedron Asymmetry, (1992), Vol. 3, No. 2, pp. 297 - 306	
1		WIRZ Beat et al., Multiselective enzymatic reactions for the synthesis of protected homochiral cis - and trans-1,3,5-cyclohexanetriols, Tetrahedron: Symmetry, (2000), Vol. 11, pp. 4171 - 4178	

Examiner Signature	Susannah	Chung	Date Considered	49	06
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•	(use as many sheets as necessary)	Application Number	10/789,053			
INFC	ORMATI	ON L	NSCLOSURE	Filing Date	02-27-2004	
STATEMENT BY APPLICANT				First Named Inventor	HOLLA et al.	
				Group Art Unit	1626	
	(use as ma.	ıny shee	ts as necessary)	Examiner Name	LEE, Susannah E.	
Sheet	4	of	4	Attorney Docket Number	DEAV2003/0014 - US - NP	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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SC		YAMANO Toru et al., A Practical Method for Optical Resolution of Racemic Alcohols or Esters via Lipase-Catalyzed Transformation and Sulfation, Chemistry Letters, (2000), pp. 448 - 449	
		ZHAO Yurui et al., Asymmetrization of all-cis-3,5-dihydroxy-1-(methoxycarbonyl)cyclohexane and of the 4-methyl and 4-ethyl substituted homologues, Tetrahedron: Asymmetry, (2000), Vol. 11, pp. 3887 - 3900	
V		, Die Delepine-Reaktion bei 2-Aryl-4-chlormethyl-oxazolen	
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Examiner Signature		Susannah Chung Date Considered 4/4/06	

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